

23 MAR 1966

SUBJECT: Approval of [] ECPs GR-60, GR-62, and GR-63,
Contracts LP-2264 and CW-6644

STATINTL

Dear Chuck,

We approve technically the ECPs listed above for both production and retrofit. Request you provide [] with formal authority to proceed with these changes. Specific comments on these ECPs are:

STATINTL

a. GR-60 - Service Contract costs are approximately \$4864.

b. GR-62 - This change is all retrofit. Cost to the Service Contract for kits is about \$171.

c. GR-63 - This change is all retrofit. Cost to the Service Contract for kits is about \$273.

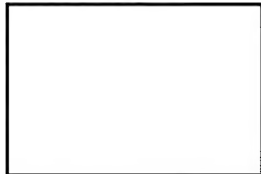
We feel that the Contractor shares some of the responsibility for all these changes and they should be negotiated from this position.

Regards,

Ben

STATINTL

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STATINTL

Approved For Release 2002/10/25 : CIA-RDP72B00464R000400070042-9

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Approved For Release 2002/10/25 : CIA-RDP72B00464R000400070042-9

GA - 531		ENGINEERING STUDY <input type="checkbox"/> CHANGE PROPOSAL <input checked="" type="checkbox"/>		GR- 63	
DATE 10 Feb. 1966		AFFECTS: GA-531 <input type="checkbox"/>		STATINTL	
NAME OF MAJOR COMPONENT Doppler and Range Delay Assembly, System Tester		PART OR LOWEST SUBASSEMBLY IF Switch Gate Pulse Ass'y Board		PART NO. MODEL OR TYPE CD531A907-027 New P/N to be assigned	
TITLE OF PROPOSAL: Improve Doppler Delay Generator Trigger Ckt and Delay Adjustment.					
NATURE OF PROPOSAL: See Attached Page.					
REASON FOR PROPOSAL: Item 1. To provide increased triggering reliability from Synchro- nizer pulse. Item 2. To improve the adjustment range of the 1.06 usec delay control.					
ES		ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:			
CP		ESTIMATED COST FOR KITS OR PARTS: \$24.84/Kit ADDITIONAL FUNDING REQUIRED: \$2,673. (includes \$1,864.00 Engineering)			
ITEMS AFFECTED BY PROPOSAL: System Tester units 1 thru 8. Receiver Tester units 3, 4, and 5.					
SAFETY <input type="checkbox"/>	MISSION EFFEC- TIVENESS <input type="checkbox"/>	PERFORM- ANCE <input checked="" type="checkbox"/>	OPERATING PROCEDURE <input checked="" type="checkbox"/>	INTER- CHANGE- ABILITY <input type="checkbox"/>	WEIGHT OR WEIGHT AND BALANCE <input type="checkbox"/>
TOOLS AND SUPPORT EQUIPMENT <input type="checkbox"/>	MAINTENANCE PROCEDURE <input checked="" type="checkbox"/>	SERVICE LIFE <input type="checkbox"/>	FLIGHT MANUAL <input type="checkbox"/>	MAINTENANCE MANUAL <input checked="" type="checkbox"/>	
ESTIMATED MAN HOURS REQUIRED TO ACCOMPLISH CHANGE IN FIELD: 10 min disassemble; 1-1/2 hr change P.C. Card; 10 min reassemble; 30 min test circuit.					
SOURCE OF PARTS FOR KIT: GR			AVAILABILITY 12 WEEKS AFTER APPROVAL		
DISPOSITION OF SPARES AFFECTED: Spare items to be reworked to latest configuration. PPB will be changed by C/N to PS0.					

ENGINEERING CHANGE PROPOSAL
10 February 1966

GA-531

GR-63
Page 2 of 2

TITLE OF PROPOSAL:

Improve Doppler Delay Generator Trigger Ckt and Delay Adjustment.

NATURE OF PROPOSAL:

Ref: REW KP-I-250

Item 1. Modify IF Switch Gate Pulse Ass'y Card as follows:

- A. Change resistor R2 from RC07GF273J to RC07GF683J
- B. Change resistor R28 from RC07GF331J to RC07GF751J
- C. Change resistor R29 from RC20GF473J to RC70GF563J
- D. Add resistor R30, Value RC07GF683J
- E. Add capacitors C11 and C12 P/N GE64F10AA103

Item 2. Modify IF Switch Gate Pulse Ass'y Card as follows:

- F. Change potentiometer R16 from RT12C2P501 to RT12C2P102
- G. Change resistor R27 from RC07GF103J to RC07GF510J
- H. Change resistor R26 from RC07GF271 to RC07GF500J
- J. Change resistor R15 from RT12C2P102 to RT12C2P501
- K. Change wiring to agree with new circuit

A Mod No. will be assigned to the System Tester with this change.